



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

5483

C45-K-OH
Job Sheet 177399



Part No: C45-K-OH

Job Qty: 1 ea

Part Name: C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/10/18

Job Tracking No: RA215

Due Date: 5/24/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description: AC09002

Note: DWG C45-K Rev 2 IPP Rev B 18.04.04 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea	5/24/18	5/24/18	0.00	0.00	Start Up Small Fab-4		
110	Small Fab	1 pcs	5/24/18	5/24/18	0.00	1.00	Small Fab-9		
120	QC	1 pcs	5/24/18	5/24/18	0.00	0.00	QC5		See attached
130	Customer Acceptance	1 pcs	5/24/18	5/24/18	0.00	0.00			
140	Outsource	1 pcs	5/24/18	5/24/18			SKY002-VC		
150	Packaging	1 pcs	5/24/18	5/24/18	0.00	0.00	Packaging2		
160	QC	1 pcs	5/24/18	5/24/18	0.00	0.00	QC6		
165	Outsource	1 pcs	5/24/18	5/24/18			GRO002-VC	5	
166	Packaging	1 pcs	5/24/18	5/24/18	0.00	0.00	Packaging2		
167	QC	1 pcs	5/24/18	5/24/18	0.00	0.00	QC6		
170	Small Fab	1 pcs	5/24/18	5/24/18	0.00	1.00	Small Fab-9		
180	QC	1 pcs	5/24/18	5/24/18	0.00	0.00	QC5		
185	DC	1 pcs	5/24/18	5/24/18	0.00	0.00	DC		
190	Packaging	1 pcs	5/24/18	5/24/18	0.00	0.00	Packaging3-2		
200	QC21-FG	1 Ea	5/24/18	5/24/18	0.00	0.00	QC21		

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file and create labels

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
C45-K-AR	C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless	1 pcs (1 ea)	100-Start up Operation	
188-FPSS-1/4 20-3/8	see P/N 188-FPSS-1/4-20-3/8	3 2 Ea (2 ea)	170-Small Fab	504967
188-FSCS-1032-5/8	Screw	4 Ea (4 ea)	170-Small Fab	5078378
2595K22	Heat Shrink Tube	1 pcs (1 ea)	170-Small Fab	5058764
32448	16-14 AWG Knife Connector	2 Ea (2 ea)	170-Small Fab	5041618
600.1309	CANAM Plate ID Label	1 pcs (1 ea)	170-Small Fab	
600.1312	Caution Sticker	1 Ea (1 ea)	170-Small Fab	5098056
AN4-23A	Bolt	2 Ea (2 ea)	170-Small Fab	FM123434-40
AN5-21A	Bolt	4 Ea (4 ea)	170-Small Fab	5071344
C10-41	Stain Relief Connector	1 Ea (1 ea)	170-Small Fab	
C2-14-2	Label Rivets	2 Ea (2 ea)	170-Small Fab	

C45-1-1	Manual Knob Release	1 Ea (1 ea)	170-Small Fab	
C45-10-1	Spring Pin	1 Ea (1 ea)	170-Small Fab	5040658
C45-10-2	Lock Spring	1 Ea (1 ea)	170-Small Fab	5099970
C45-11-1	Side Plate Solenoid	1 Ea (1 ea)	170-Small Fab	
C45-11-2	Locating Pin	2 Ea (2 ea)	170-Small Fab	5054326
C45-12-1	Lock Bushing	2 Ea (2 ea)	170-Small Fab	5091795
C45-12-2	Lock Shaft	1 Ea (1 ea)	170-Small Fab	
C45-12-3	Lock	1 Ea (1 ea)	170-Small Fab	
C45-12-4	Lock Roller	1 Ea (1 ea)	170-Small Fab	
C45-12-5	Lock Roller Pin	1 Ea (1 ea)	170-Small Fab	
C45-12-6	Retaining Ring	2 Ea (2 ea)	170-Small Fab	5088946
C45-13-1	Keeper Bushing	2 Ea (2 ea)	170-Small Fab	50101278
C45-13-3	Keeper Shaft	1 Ea (1 ea)	170-Small Fab	
C45-15	Keeperless Adapter	1 Ea (1 ea)	170-Small Fab	
C45-2-1	Sideplate MRK	1 Ea (1 ea)	170-Small Fab	
C45-3-1	Radial Bearing	2 Ea (2 ea)	170-Small Fab	5060134
C45-3-10	Latch Shaft	1 Ea (1 ea)	170-Small Fab	5041144
C45-3-11	Actuator	1 Ea (1 ea)	170-Small Fab	
C45-3-12	DU Bearing	1 Ea (1 ea)	170-Small Fab	5097903
C45-3-2	Latch Roller Pin	1 pcs (1 ea)	170-Small Fab	
C45-3-2-1	Snap Ring	2 Ea (2 ea)	170-Small Fab	5093408
C45-3-3	Latch Roller	1 Ea (1 ea)	170-Small Fab	
C45-3-4	Pin	2 Ea (2 ea)	170-Small Fab	5047632
C45-3-4-1	Retaining Ring	4 Ea (4 ea)	170-Small Fab	5068056
C45-3-5	Spacer	2 Ea (2 ea)	170-Small Fab	5027245
C45-3-6	Latch	1 Ea (1 ea)	170-Small Fab	
C45-3-7	Link	1 pcs (1 ea)	170-Small Fab	
C45-3-8A	Actuator Shaft Bushing	1 Ea (1 ea)	170-Small Fab	5078570
C45-3-8B	Actuator Shaft Bushing	1 Ea (1 ea)	170-Small Fab	5078801
C45-3-9	Lever Spring	1 pcs (1 ea)	170-Small Fab	5089520
C45-4-1	Trunnion Bushing	2 Ea (2 ea)	170-Small Fab	5078803
C45-4-4KA	Load Beam Keeperless Assembly	1 Ea (1 ea)	170-Small Fab	5097897
C45-4-5	Loadbeam Spacer	1 Ea (1 ea)	170-Small Fab	5043615
C45-5-1	Lever Stop Pin	1 Ea (1 ea)	170-Small Fab	5097731
C45-5-2	Lever Stop	1 pcs (1 ea)	170-Small Fab	5029330
C45-7-1	LOADBEAM BUMPER	1 Ea (1 ea)	170-Small Fab	5029332
C45-7-2	Lock Bumper	2 Ea (2 ea)	170-Small Fab	5095587
C45-8-1-2	Solenoid Nut	2 Ea (2 ea)	170-Small Fab	5074747
C45-8-2	Solenoid	1 Ea (1 ea)	170-Small Fab	
C45-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	170-Small Fab	5029334
C45-8-5	Solenoid Cover	1 Ea (1 ea)	170-Small Fab	5074821
C45-9-1	Clock Spring Cover	1 pcs (1 ea)	170-Small Fab	
C45-9-2	Clock Spring	1 pcs (1 ea)	170-Small Fab	
EL PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab	
EL314-SJTOW	3 Wire	1 ft (1 ea)	170-Small Fab	
MS21044N5	Nut	8 Ea (4 ea)	170-Small Fab	5029331
MS27039-4-08	Screw	1 Ea (1 ea)	170-Small Fab	(x4) 5057526-1/4
NAS1149F0463P	Washer	3 Ea (3 ea)	170-Small Fab	5039330
NAS1149F0563P	Washer	8 Ea (8 ea)	170-Small Fab	5078780
				5067901
				5029335

C45-8-2-4 Solenoid Spacer

Grease Aeroshell
Loctite 648

SAFT-CZE Anti-seize

M 138724
M 138933
M 128863

5483

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	C45-K	1	0	0
	188-FPSS-1/4 20-3/8	2	0	0
170-Small Fab	188-FSCS-1032-5/8	4	369	0
	2595K22	1	64	0
	32448	2	159	0
	600.1309	1	100	0
	600.1312	1	22	0
	AN4-23A	2	582	0
	AN5-21A	4	73	0
	C10-41	1	48	0
	C2-14-2	2	196	0
	C45-1-1	1	0	0
	C45-10-1	1	91	0
	C45-10-2	1	11	0
	C45-11-1	1	0	0
	C45-11-2	2	78	0
	C45-12-1	2	16	0
	C45-12-2	1	11	0
	C45-12-3	1	12	0
	C45-12-4	1	0	0
	C45-12-5	1	1	0
	C45-12-6	2	84	0
	C45-13-1	2	13	0
	C45-13-3	1	0	0
	C45-15	1	0	0
	C45-2-1	1	0	0
	C45-3-1	2	18	0
	C45-3-10	1	13	0
	C45-3-11	1	11	0
	C45-3-12	1	12	0
	C45-3-2	1	0	0
	C45-3-2-1	2	54	0
	C45-3-3	1	0	0
	C45-3-4	2	20	0
	C45-3-4-1	4	150	0
	C45-3-5	2	78	0
	C45-3-6	1	1	0
	C45-3-7	1	0	0
	C45-3-8A	1	57	0
	C45-3-8B	1	38	0
	C45-3-9	1	55	0
	C45-4-1	2	48	0
	C45-4-4KA	1	4	0
	C45-4-5	1	11	0
	C45-5-1	1	41	0
	C45-5-2	1	0	0
	C45-7-1	1	0	0
	C45-7-2	2	12	0
	C45-8-1-2	2	20	0
	C45-8-2	1	2	0
	C45-8-4	1	0	0
	C45-8-5	1	10	0
	C45-9-1	1	0	0
	C45-9-2	1	0	0
	EL-PLUG-M	1	79	0
	EL314-SJTOW	1	844	0
	MS21044N5	4	139	0
	MS27039-4-08	1	77	0
	NAS1149F0463P	3	697	0
	NAS1149F0563P	8	590	0
Part Specifications				
Specifications could not be found.				



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C45-K-OH
Job Sheet 177399



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Part Name: C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/10/18

Job Tracking No: RA215

Due Date: 5/24/18

Created By: Michelle Gagnon-Donovan

Type: Return

Description: AC09002

Note: DWG C45-K Rev 2 IPP Rev B 18.04.04 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard	Workcenter/Supplier		Sign-off
					Setup Run hrs Hrs	Workcenter / Supplier	Lead Time	
100	Start up Operation	1 Ea	5/24/18	5/24/18	0.00 0.00	Start Up Small Fab-4		
110	Small Fab	1 pcs	5/24/18	5/24/18	0.00 1.00	Small Fab-9		AP
120	QC	1 pcs	5/24/18	5/24/18	0.00 0.00	QC5		
130	Customer Acceptance	1 pcs	5/24/18	5/24/18	0.00 0.00		DAS	
140	Outsource	1 pcs	5/24/18	5/24/18	0.00 0.00	JUN 17 2018	13	P/O: 040517
150	Packaging	1 pcs	5/24/18	5/24/18	0.00 0.00	Packaging2	9-89	AP 18/06/13
160	QC	1 pcs	5/24/18	5/24/18	0.00 0.00	QC6		38
170	Small Fab	1 pcs	5/24/18	5/24/18	0.00 1.00	Small Fab-9		9-89
180	QC	1 pcs	5/24/18	5/24/18	0.00 0.00	QC5		
185	DC	1 pcs	5/24/18	5/24/18	0.00 0.00	DC		
190	Packaging	1 pcs	5/24/18	5/24/18	0.00 0.00	Packaging3-2		
200	QC21-FG	1 Ea	5/24/18	5/24/18	0.00 0.00	QC21		

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 170 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

185 - Photocopy blue file and create labels

outsourced Group Attached. P/O: 0308 CE 18-6-22

Job BOM

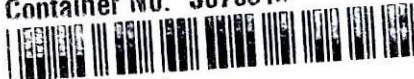
Part / Item	Component Name	Quantity	Operation	Container
C45-K-AR	C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless	1 pcs (1 ea)	100-Start up Operation	
188-FPSS-1/4 20-3/8	Set Screw	2 Ea (2 ea)	170-Small Fab	
188-FSCS-1032-5/8	Screw	4 Ea (4 ea)	170-Small Fab	
2595K22	Heat Shrink Tube	1 Ea (1 ea)	170-Small Fab	
32448	16-14 AWG Knife Connector	2 Ea (2 ea)	170-Small Fab	
600.1309	CANAM Plate ID Label	1 pcs (1 ea)	170-Small Fab	
600.1312	Caution Sticker	1 Ea (1 ea)	170-Small Fab	
AN4-23A	Bolt	2 Ea (2 ea)	170-Small Fab	
AN5-21A	Bolt	4 Ea (4 ea)	170-Small Fab	
AN960-416L	Washer	3 (3 ea)	170-Small Fab	
AN960-516	WASHER	8 pcs (8 ea)	170-Small Fab	
C10-41	Stain Relief Connector	1 Ea (1 ea)	170-Small Fab	
C2-14-2	Label Rivets	2 Ea (2 ea)	170-Small Fab	
C45-1-1	Manual Knob Release	1 Ea (1 ea)	170-Small Fab	
C45-10-1	Spring Pin	1 Ea (1 ea)	170-Small Fab	

Plex 5/10/18 11:23 AM Dart.Gagnon.Michelle



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S070319



Part: C45--K

Job No: 177399

Serial No/Batch: AC09002

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 07/10/16

C45-10-2	Lock Spring	1 Ea (1 ea)	170-Small Fab
C45-11-1	Side Plate Solenoid	1 Ea (1 ea)	170-Small Fab
C45-11-2	Locating Pin	2 Ea (2 ea)	170-Small Fab
C45-12-1	Lock Bushing	2 Ea (2 ea)	170-Small Fab
C45-12-2	Lock Shaft	1 Ea (1 ea)	170-Small Fab
C45-12-3	Lock	1 Ea (1 ea)	170-Small Fab
C45-12-4	Lock Roller	1 Ea (1 ea)	170-Small Fab
C45-12-5	Lock Roller Pin	1 Ea (1 ea)	170-Small Fab
C45-12-6	Retaining Ring	2 Ea (2 ea)	170-Small Fab
C45-13-1	Keeper Bushing	2 Ea (2 ea)	170-Small Fab
C45-13-3	Keeper Shaft	1 Ea (1 ea)	170-Small Fab
C45-15	Keeperless Adapter	1 Ea (1 ea)	170-Small Fab
C45-2-1	Sideplate - MRK	1 Ea (1 ea)	170-Small Fab
C45-3-1	Radial Bearing	2 Ea (2 ea)	170-Small Fab
C45-3-10	Latch Shaft	1 Ea (1 ea)	170-Small Fab
C45-3-11	Actuator	1 Ea (1 ea)	170-Small Fab
C45-3-12	DU Bearing	1 Ea (1 ea)	170-Small Fab
C45-3-2	Latch Roller Pin	1 pcs (1 ea)	170-Small Fab
C45-3-2-1	Snap Ring	2 Ea (2 ea)	170-Small Fab
C45-3-3	Latch Roller	1 Ea (1 ea)	170-Small Fab
C45-3-4	Pin	2 Ea (2 ea)	170-Small Fab
C45-3-4-1	Retaining Ring	4 Ea (4 ea)	170-Small Fab
C45-3-5	Spacer	2 Ea (2 ea)	170-Small Fab
C45-3-6	Latch	1 Ea (1 ea)	170-Small Fab
C45-3-7	Link	1 pcs (1 ea)	170-Small Fab
C45-3-8A	Actuator Shaft Bushing	1 Ea (1 ea)	170-Small Fab
C45-3-8B	Actuator Shaft Bushing	1 Ea (1 ea)	170-Small Fab
C45-3-9	Lever Spring	1 pcs (1 ea)	170-Small Fab
C45-4-1	Trunnion Bushing	2 Ea (2 ea)	170-Small Fab
C45-4-4KA	Load Beam Keeperless Assembly	1 Ea (1 ea)	170-Small Fab
C45-4-5	Loadbeam Spacer	1 Ea (1 ea)	170-Small Fab
C45-5-1	Lever Stop Pin	1 Ea (1 ea)	170-Small Fab
C45-5-2	Lever Stop	1 pcs (1 ea)	170-Small Fab
C45-7-1	LOADBEAM BUMPER	1 Ea (1 ea)	170-Small Fab
C45-7-2	Lock Bumper	2 Ea (2 ea)	170-Small Fab
C45-8-1-2	Solenoid Nut	2 Ea (2 ea)	170-Small Fab
C45-8-2	Solenoid	1 Ea (1 ea)	170-Small Fab
C45-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	170-Small Fab
C45-8-5	Solenoid Cover	1 Ea (1 ea)	170-Small Fab
C45-9-1	Clock Spring Cover	1 pcs (1 ea)	170-Small Fab
C45-9-2	Clock Spring	1 pcs (1 ea)	170-Small Fab
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	170-Small Fab
EL314-SJTOW	3 Wire	1 ft (1 ea)	170-Small Fab
MS21044N5	Nut	4 Ea (4 ea)	170-Small Fab
MS27039-4-08	Screw	1 Ea (1 ea)	170-Small Fab

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Start up Operation	C45-K	1	0	0
170-Small Fab	188-FPSS-1/4 20-3/8	2	46	0
	188-FSCS-1032-5/8	4	257	0
	2595K22	1	25	0
	32448	2	173	0
	600.1309	1	0	0
	600.1312	1	0	0
	AN4-23A	2	600	0
	AN5-21A	4	53	0
	AN960-416L	3	0	0
	AN960-516	8	300	0
	C10-41	1	21	0
	C2-14-2	2	262	0
	C45-1-1	1	0	0
	C45-10-1	1	94	0
	C45-10-2	1	16	0
	C45-11-1	1	0	0
	C45-11-2	2	42	0
	C45-12-1	2	22	0
	C45-12-2	1	14	0
	C45-12-3	1	0	0
	C45-12-4	1	0	0
	C45-12-5	1	0	0
	C45-12-6	2	48	0
	C45-13-1	2	20	0
	C45-13-3	1	0	0
	C45-15	1	0	0
	C45-2-1	1	0	0
	C45-3-1	2	26	0
	C45-3-10	1	15	0
	C45-3-11	1	13	0
	C45-3-12	1	17	0
	C45-3-2	1	0	0
	C45-3-2-1	2	58	0
	C45-3-3	1	0	0
	C45-3-4	2	24	0
	C45-3-4-1	4	164	0
	C45-3-5	2	80	0
	C45-3-6	1	3	0
	C45-3-7	1	0	0
	C45-3-8A	1	0	0
	C45-3-8B	1	0	0
	C45-3-9	1	0	0
	C45-4-1	2	2	0
	C45-4-4KA	1	1	0
	C45-4-5	1	14	0
	C45-5-1	1	16	0
	C45-5-2	1	0	0
	C45-7-1	1	0	0
	C45-7-2	2	2	0
	C45-8-1-2	2	0	0
	C45-8-2	1	0	0
	C45-8-4	1	1	0
	C45-8-5	1	14	0
	C45-9-1	1	0	0
	C45-9-2	1	0	0
	EL-PLUG-M	1	56	0
	EL314-SJTOW	1	1,007	0
	MS21044N5	4	99	0
	MS27039-4-08	1	86	0

Part Specifications

Specifications could not be found.

Inspection Sheet Complete RA215

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
C45-K	AC09001	1	☒ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S047644	overhaul
SWA6A-3	AC11011	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S047646	overhaul
C45-K	AC09002	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S047645	overhaul
SWA6A-3	AC11013	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S047647	overhaul
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: _____ 0

Date: 0-Jan-00 _____



Remote Cargo Hook Test Form

C45

Work Order 177399

Customer _____

Serial Number AC 09002

Date 2018/05/31

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	11,250	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10 2	2,250	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	7.5 A	Pass
2	3,500	Electircal, 22 volts	Current shall not exceed 12.4A	7 A	Pass
2	2,500	Electircal, 22 volts	Current shall not exceed 12.4A	7 A	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	7 A	Pass
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	6.9 A	Pass
1	4,500	Electircal, 20 volts	Current shall not exceed 11.3A	6.5 A	Pass
1	4,500	Electircal, 28 volts	Current shall not exceed 15.8A	9 A	Pass
1	4,500	Manual		N/A	Pass
1	4,500	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	1.9 Ohms	Pass
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By: SYLVIE / ALVIN
Technician

Signature: _____

QC 5 Small FAB / QA

Submit



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040117**

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO040117
PO Date: 6/5/18
Due Date: 6/13/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	177399	C45-K-OH	C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless	Firmed	6/13/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
2	176954	SWA6A-2-OH	Electric Swivel 6,000 lb Safe Work Load (2,721 kg)	Firmed	6/13/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
3	176953	C45-OH	C-Series Remote Hook 4,500 lbs Lift Capacity	Firmed	6/13/18	1 pcs	0 pcs	1 pcs	\$178.00/pcs	\$178.00
Grand Total:										\$534.00

Order Notes

card APR 10/13

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/12/18 10:27 AM dart.lavoie.chantal

**skyservice****Work Order Traveler**
Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO36275	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO040117
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

Work Required:

CARRY OUT NDT ON :

2 C- SERIES REMOTE HOOK , P/N : C45-K-OH , J/S# : 177399 , & 176953

1 ELECTRIC SWIVEL , P/N : SWA6A-2-OH , J/S# : 176954

Action Taken:	Date:	Initial/Stamp:
LIQUID PENETRANT & MAGNETIC PARTICLES INSPECTION CARRIED OUT AS PER ASTM E-1444M-16 & E-1417M-16 NO CRACK FOUND MAGBENCH S/N 208123 CAL DUE: 7-JULY-2018 POWDER 14A BATCH# MPO13600 CARRIER II BATCH# MPO13923 BLACK LIGHT - M20186 PEN ZL-37, MPO13139, CLEANER SKC-S MPO15030 , DEV. MPO15030 , EMU.(ZR-10B,MPO15896) BLACK LIGHT - M20186	JUN 06 2018	LM DOT-APP 278 53-89 JAS 38 9-88

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature:	ACA/SCA Stamp	Date:
Name: LUCA MARCHETTA	DOT-APP 278 53-89	JUN 06 2018



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040308**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO040308
PO Date: 6/22/18
Due Date: 7/4/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula
Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	176842	C60-OH	C-Series Remote Hook 6,000 lbs Lift Capacity -Issue P/O to Groupe Altech: P/O _____ - Strip -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	7/4/18	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00
2	176991	C10-OH	C-Series Remote Hook 10,000 lbs Lift Capacity -Issue P/O to Groupe Altech: P/O _____ - Strip -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	7/4/18	1 pcs	0 pcs	1 pcs	\$75.00/pcs	\$75.00
	176989			Firmed	7/4/18	1 pcs	0 pcs	1 pcs	\$75.00/pcs	\$75.00
Sub Total:						2	0	2		\$150.00

Items											
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price	
3	177399	C45-K-OH	C-Series Remote Hook 4,500 lbs Lift Capacity - Keeperless -Issue P/O to Groupe Altech: P/O _____ - Strip -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	7/4/18	1 pcs	0 pcs	1 pcs	\$150.00/pcs	\$150.00	
4	179782	PC250-700	-Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade C -Nickel Plate .0004-.0006 - Certificate of Conformity is required	Firmed	7/4/18	1 pcs ✓	0 pcs K	1 pcs	\$225.00/pcs	\$225.00 A118/02/10	
5	R179783	C10-10-1	Actuator Shaft -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	7/4/18	4 pcs	0 pcs	4 pcs	\$37.50/pcs	\$150.00	
6	179831	RBW6305G02831-3G	Tool, Main Gear Box Upper Fitting Replacement -Issue P/O to GROUPE ALTECH: P/O _____ Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Material type; 1018 -Certificate of Conformity is required	Firmed	7/4/18	2 pcs	0 pcs	2 pcs	\$45.00/pcs	\$90.00 2x Cind 18.07.08	

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	R179819	PC250-600	Bell Crank -Issue P/O to GROUPE ALTECH: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Material type; -Certificate of Conformity is required	Firmed	7/4/18	1 pcs	0 pcs 1x	1 pcs	\$150.00/pcs	\$150.00
8	178860	RBW6420G00131-8G-1	Base Welded Assy -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color BLACK -Material type; 4140 -Certificate of Conformity is required	Firmed	7/4/18	6 pcs	0 pcs 6x	6 pcs	\$37.50/pcs	\$225.00
Grand Total:										\$1,290.00
Order Notes										
Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.										

Plex 6/29/18 12:34 PM dart.tsimiklis.chrisoula



Certificat de Conformité / Certificate of Compliance

(010559-3)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

010559 - 3

Livré à / Ship to

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD

1270 ABERDEEN STREET

HAWKESBURY, ON, K6A1K7

CANADA

BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
09-Jul-2018		Aman		040308				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C60-OH Rev.	C60-OH 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL-200 CH	1	1	0	0	0
2	C-10-OH Rev.	C-SERIES REMOTE HOOK (SET OF 5) 01 -E-NIC STEEL 500 [E-NICKEL STEEL 500] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL STEEL CH	2	2	0	0	0
3	C45-K-OH Rev.	C45-K-OH 01 -E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004 TO 0.0006 THICK BAKE AFTER PLATING	E-NICKEL STEEL CH	1	1	0	0	0

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.



Remote Cargo Hook Test Form

C45

Work Order

177399

Customer

RA125

Serial Number

AC09002

Date

17/09/18

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	11,250	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	2,250	Electrical, 25 volts	No "hang ups" permitted	N/A	Pass
2	4,500	Electrical, 22 volts	Current shall not exceed 12.4A	8.5 A	Pass
2	3,500	Electrical, 22 volts	Current shall not exceed 12.4A	8.5 A	Pass
2	2,500	Electrical, 22 volts	Current shall not exceed 12.4A	8.4 A	Pass
2	1,500	Electrical, 22 volts	Current shall not exceed 12.4A	8.4 A	Pass
2	500	Electrical, 22 volts	Current shall not exceed 12.4A	8.4 A	Pass
1	4,500	Electrical, 20 volts	Current shall not exceed 11.3A	7.6 A	Pass
1	4,500	Electrical, 28 volts	Current shall not exceed 15.8A	10.6 A	Pass
1	4,500	Manual		N/A	Pass
1	4,500	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	1.9 Ohms	Pass
1	N/A	Electrical Continuity	Across both wires	N/A	Pass

Test Conducted By:

Francis Laerboix

Technician

Signature:

Sylvia Sanchez

QC 5 Small FAB / QA

Submit